

AMENDMENTS

In the Claims:

1. (Previously Presented) An automatic image enhancement system, comprising:
memory for storing digital data that defines a graphical image;
a face detector configured to analyze said digital data and to automatically identify facial data within said digital data stored in said memory; and
an image enhancer configured to analyze said facial data identified by said face detector and to automatically identify a portion of said facial data that defines a particular facial feature, said image enhancer further configured to automatically manipulate said portion for enhancing an appearance of said facial feature within said graphical image, wherein said image enhancer is configured to initiate, without user intervention, manipulation of said portion for enhancing said appearance in response to identification of said portion by said image enhancer.
2. (Original) The system of claim 1, wherein said system further comprises an input device configured to receive an input, wherein said image enhancer is further configured to select said facial feature based on said input.
3. (Original) The system of claim 1, wherein said image enhancer manipulates said portions by blending color values associated with said portion.
4. (Original) The system of claim 1, wherein said image enhancer, by manipulating said portion, blurs said appearance of said facial feature.

5. (Original) The system of claim 1, wherein said image enhancer, by manipulating said portion, sharpens said appearance of said facial feature.

6. (Original) The system of claim 1, wherein said image enhancer, by manipulating said portion, changes a color of said facial feature.

7. (Original) The system of claim 1, wherein said system includes an image capturing device configured to receive an image of a scene and to produce said digital data based on said image received by said image capturing device.

8. (Original) The system of claim 7, wherein said image capturing device includes a lens for receiving said image and an image converter for producing said digital data based on said image.

9. (Previously Presented) An automatic image enhancement system, comprising:
means for storing digital data that defines a graphical image;
face detecting means for analyzing said digital data and for automatically identifying facial data within said digital data stored in said storing means; and
image enhancing means for analyzing said facial data identified by said face detecting means, for automatically identifying a portion of said facial data that defines a particular facial feature, and for automatically manipulating, upon identification of said portion by said image enhancing means, said portion to enhance an appearance of said facial feature within said graphical image.

10. (Previously Presented) A method for enhancing graphical images, comprising:

- receiving digital data defining a graphical image;
- automatically detecting facial data within said digital data;
- searching said facial data for data that defines a particular facial feature;
- automatically identifying, based on said searching, a set of data defining said particular facial feature; and
- automatically manipulating said set of data in response to said identifying, wherein said manipulating is initiated without user intervention.

11. (Previously Presented) The method of claim 10, wherein said manipulating includes blending color values within said set of data with other color values within said facial data.

12. (Previously Presented) The method of claim 10, further comprising:

- receiving an input; and
- selecting said particular facial feature based on said input,

wherein said searching is based on said selecting.

13. (Previously Presented) The method of claim 10, wherein said manipulating causes a blurring of an appearance of said particular facial feature when said particular facial feature is displayed.

14. (Previously Presented) The method of claim 10, wherein said manipulating causes a sharpening of an appearance of said particular facial feature when said particular facial feature is displayed.

15. (Previously Presented) The method of claim 10, wherein said manipulating affects a color of said particular facial feature when said particular facial feature is displayed.

16. (Previously Presented) The method of claim 10, further comprising:
capturing an image of a scene; and
defining said digital data based on said capturing.

17. (Previously Presented) The method of claim 16, wherein said capturing includes:
receiving light via a lens; and
converting said light into said digital data received in said receiving.

18. (Previously Presented) An automatic image enhancing system, comprising:
memory configured to store digital data representative of a graphical image;
a face detector configured to automatically identify facial data in said digital data; and
an image enhancer configured to automatically locate a portion of said facial data
defining a skin blemish, wherein said image enhancer is further configured to automatically
manipulate, upon locating said portion, said portion for enhancing an appearance of said skin
blemish within said graphical image.

19. (Previously Presented) The system of claim 18, wherein the image enhancer is configured to locate at least one additional facial feature and locate said portion of said facial data defining said skin blemish by determining the likely proximity of said skin blemish to said located at least one additional facial feature.

20. (Previously Presented) The system of claim 19, wherein said blemish is a wrinkle.

21. (Previously Presented) An automatic image enhancing method, comprising:
storing digital data representative of a graphical image;
automatically identifying facial data in said digital data;
automatically locating a portion of said facial data defining a skin blemish; and
manipulating said portion for enhancing an appearance of said blemish within said graphical image, wherein said manipulating is automatically initiated based on said locating.

22. (Previously Presented) The method of claim 21, wherein the locating further comprises locating a facial feature within said facial data and determining the likely proximity of said blemish to said additional facial feature.

23. (Previously Presented) The system of claim 1, wherein said graphical image contains a plurality of faces, and wherein said face detector is configured to automatically detect each of said faces and said image enhancer is configured to automatically enhance each of said detected faces.

24. (Previously Presented) The system of claim 9, wherein said graphical image contains a plurality of faces, wherein said face detecting means is configured to automatically detect each of said faces, and wherein said image enhancing means is configured to automatically enhance each of said detected faces.

25. (Previously Presented) The method of claim 10, wherein said graphical image comprises a plurality of faces, wherein said detecting comprises detecting each of said faces, and wherein said method comprises enhancing each of said faces based on said manipulating.

26. (Previously Presented) The system of claim 18, wherein said face detector is configured to identify a plurality of faces in said graphical image, and wherein said image enhancer is configured to automatically enhance each of said detected faces.

27. (Previously Presented) The method of claim 21, wherein said identifying comprises identifying a plurality of faces in said graphical image, and wherein said method comprises automatically enhancing each of said faces based on said manipulating.

28. (Previously Presented) An automatic image enhancement system, comprising:
memory for storing digital data that defines a graphical image, said graphical image containing a plurality of faces;
a face detector configured to detect each of said faces; and
an image enhancer configured to analyze said faces, said image enhancer further configured to automatically detect and enhance at least one respective facial feature in each of said faces.

29. (Previously Presented) An automatic image enhancing method, comprising:
storing digital data that defines a graphical image;
automatically detecting a plurality of faces in said graphical image;
automatically analyzing said faces to detect at least one respective facial feature in each
of said faces; and

automatically enhancing, based on said analyzing, at least one respective facial feature in
each of said faces.

30. (Previously Presented) The method of claim 29, wherein said enhancing is
initiated without user intervention based on said analyzing.